

GUANGYANG SECONDARY SCHOOL

2023 Semester Plan

Sec 3N – Design & Technology

Term 1	Content	Remarks
Week 1 3/1 – 6/1	1. Basic Expectations, Routines and Admin and Basic Sketching: Warm-Up	2- NYD
Week 2 9/1 – 13/1	1. Basic Sketching: Cube Manipulation 1/2 2. Basic Sketching: Cube Manipulation 2/2 3. Mechanisms 1/4	
Week 3 16/1 – 20/1	1. Basic Sketching: Crating Geometric Objects 1/2 2. Basic Sketching: Crating Geometric Objects 2/2 3. Mechanisms 2/4	
Week 4 23/1 – 27/1	1. Basic Sketching: Organic Forms 1/2 2. Desk Tidy Project: Practical 1/8 3. Mechanisms 3/4	23,24- CNY
Week 5 30/1 – 3/2	1. Basic Sketching: Organic Forms 2/2 2. Basic Sketching: Product Sketch 1/2 3. Mechanisms 4/4	
Week 6 6/2 – 10/2	1. Basic Sketching: Product Sketch 2/2 2. Desk Tidy Project: Practical 2/8 3. Weighted Assessment 1 Revision	
Week 7 13/2 – 17/2	1. Mini-Coursework: Project Planning and Monitoring 2. Mini-Coursework: Theme Analysis and Mindmap 1/2 3. Weighted Assessment 1	
Week 8 20/2 – 24/2	1. Mini-Coursework: Mindmap 2/2 2. Desk Tidy Project: Practical 3/8 3. Review of Weighted Assessment 1	
Week 9 27/2 – 3/3	1. Mini-Coursework: Searching for Design Opportunities 1/2 2. Mini-Coursework: Searching for Design Opportunities 2/2 3. Electronics 1/4	
Week 10 6/3 – 10/3	School Enrichment Activities (WEALTH Week)	
Term 2	Content	
Week 1 20/3 – 24/3	1. Mini-Coursework: Design Situation 1/2 2. Desk Tidy Project: Practical 4/8 3. Electronics 2/4	
Week 2 27/3 – 31/3	1. Mini-Coursework: Design Situation 2/2 and Design Brief 2. Mini-Coursework: Initial Ideas (Shape Borrowing) 3. Electronics 3/4	
Week 3 3/4 – 7/4	1. Mini-Coursework: Initial Ideas (SCAMPER) 2. Desk Tidy Project: Practical 5/8 3. Electronics 4/4 & Weighted Assessment 2 Revision	7- Gd Fri
Week 4 10/4 – 14/4	1. Mini-Coursework: Research Outline 2. Mini-Coursework: Research on User, Environment and Functionality 1/4 3. Weighted Assessment 2	
Week 5 17/4 – 21/4	1. Mini-Coursework: Research on User, Environment and Functionality 2/4 2. Desk Tidy Project: Practical 6/8 3. Review of Weighted Assessment 2	
Week 6 24/4 – 28/4	1. Mini-Coursework: Research on User, Environment and Functionality 3/4 2. Mini-Coursework: Research on User, Environment and Functionality 4/4 3. Mini-Coursework: Research on UEF (Existing Product Analysis) 1/2	
Week 7 1/5 – 5/5	1. Mini-Coursework: Research on UEF (Existing Product Analysis) 2/2 2. Desk Tidy Project: Practical 7/8 3. Mini-Coursework: Design Considerations Mindmap 1/2	1- Labour Day
Week 8 8/5 – 12/5	1. Mini-Coursework: Design Considerations Mindmap 2/2 2. Mini-Coursework: Ideation 1/3 3. Mini-Coursework: Ideation 2/3	
Week 9 15/5 – 19/5	1. Mini-Coursework: Ideation 3/3 2. Desk Tidy Project: Practical 8/8 3. Mini-Coursework: Development (Functionality)	
Week 10 22/5 – 26/5	1. Mini-Coursework: Development 1/6 2. Mini-Coursework: Development 2/6 3. Mini-Coursework: Development 3/6	Sec. 1-3 PTM

Term 3	Content	
Week 1 26/6 – 30/6	1. Mini-Coursework: Development 4/6 2. Mini-Coursework: Development 5/6 3. Mini-Coursework: Development 6/6	29- Hari Raya Haji
Week 2 3/7 – 7/7	1. Mini-Coursework: Development (Mock-up) 1/5 2. Mini-Coursework: Development (Mock-up) 2/5 3. Mini-Coursework: Development (Mock-up) 3/5	3- Youth Day
Week 3 11/7 – 15/7	1. Mini-Coursework: Development (Mock-up) 4/5 2. Mini-Coursework: Development (Mock-up) 5/5 3. Weighted Assessment 3 Revision	
Week 4 17/7 – 21/7	1. Mini-Coursework: Development (Mock-up Analysis) 1/2 2. Mini-Coursework: Development (Mock-up Analysis) 2/2 3. Weighted Assessment 3	
Week 5 24/7 – 28/7	1. Mini-Coursework: Working Drawing 1/4 2. Mini-Coursework: Working Drawing 2/4 3. Review of Weighted Assessment 3	
Week 6 31/7 – 4/8	1. Mini-Coursework: Working Drawing 3/4 2. Mini-Coursework: Working Drawing 4/4 3. Review of Weighted Assessment 3	
Week 7 7/8 – 11/8	1. Mini-Coursework: Material List 2. Mini-Coursework: Production Plan 1/3 3. Review of Weighted Assessment 3	9- ND
Week 8 14/8 – 18/8	1. Mini-Coursework: Production Plan 2/3 2. Mini-Coursework: Production Plan 3/3 3. Revision for EYE	
Week 9 21/8 – 25/8	Revision for EYE	
Week 10 28/8 – 1/9	Revision for EYE	1- Teachers Day
Term 4	Content	
Week 1 11/9 – 15/9	Revision for EYE	
Week 2 18/9 – 22/9	Revision for EYE	
Week 3 25/9 – 29/9	End-Of-Year Examinations	
Week 4 2/10 – 6/10		6- Marking Day
Week 5 9/10 – 13/10	1. Review of EYE & key points 2. Mini-Coursework: Presentation Board 1/3	
Week 6 16/10 – 20/10	<i>Head-start Programme:</i> Mini-Coursework: Presentation Board 2/3	
Week 7 23/10 - 27/10	<i>Head-start Programme:</i> Mini-Coursework: Presentation Board 3/3	24- Deepavali

Assessments

WA1, WA2, WA3	15%	15%	15%
	Written Test*		
EYE	55%		
	Written Exam + Coursework		

*Please note that the topics might be subject to changes. Students will be updated accordingly.